

15. (Currently amended) The kit of claim 13 wherein the ~~modified-prothrombinase~~ substrate is prothrombin which is chemically derivatized by the addition of one or more chemical groups selected from the group consisting of an acyl group, an acetyl group, a succinyl group, a maleyl group, a polyethylene glycol group, an acetylated polyethylene glycol group, a pyridoxal 5'-phosphate group and a dichlorotriazinylaminofluoresceinyl group.

17. (Currently amended) The kit of claim 13 wherein the ~~prothrombinase product~~ assay of said product comprises reagents for a chromogenic peptide cleavage assay wherein the reagents comprise a peptide having a sequence cleaved by thrombin.

19. (Currently amended) The kit of claim 13 further comprising one or more reagents selected from the group consisting of human ~~α -thrombin~~ thrombin, calcium ionophore A23187, factor Xa, Sulfo-N-succinimidyl acetate, factor Va and phospholipid vesicles comprising phosphatidylserine and phosphatidylcholine.

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